

## **APPENDIX A**

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P. 2

# **International Cosmetic Ingredient Dictionary and Handbook**

**Eleventh Edition  
2006**

**Volume 2**

**INCI Name Monographs I-S**

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# **International Cosmetic Ingredient Dictionary and Handbook**

**Eleventh Edition  
2006**

**Editors**

Tara E. Gottschalck  
G. N. McEwen, Jr., Ph.D., J.D.

## **Volume 2**

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NO. 2145 P. 4

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Macrogol 1000 (NOF)  
Pluracol E 1000 (BASF)  
Polyglykol 1000 (Clariant)  
Polyglykol 1000 (Clariant GmbH, Personal Care)  
Renex PEG 1000 (Uniqema Americas)  
Sabopeg 1000 (Sabo)  
Toho PEG#1000 (Toho)  
Unipeg-1000 X (Universal Preserv-A-Chem)  
Upiwax 1000 (Universal Preserv-A-Chem)

**Trade Name Mixtures:**

Silwax WS (Siltech LLC)  
Suncaps 664 (Particle Sciences)  
Suncaps 903 (Particle Sciences)

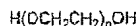
**PEG-32****CTFA Monograph ID:** 1955**CAS No.:** 25322-68-3 (Generic)**JPN Translation:**

PEG - 32

**CN Translation:**

聚乙二醇-32

**Definition:** PEG-32 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 32.

**Information Sources:** BAN, BP, BPC,

21CFR172.210, 21CFR172.770,  
21CFR172.820, 21CFR173.310,  
21CFR173.340, 21CFR175.105,  
21CFR175.300, 21CFR175.3750,  
21CFR178.3910, CIR: [SQ] JACT-12(5)-  
1993, CTFA S, CZE, FCC, HUN, INN, JAN,  
JCIC, JCLS, JSQI, MAR, MI-13(7651), NF  
XVIII, TSCA, USAN, USD

**Chemical Classes:** Alkoxyated Alcohols;  
Polymeric Ethers

**Functions:** Binder; Humectant; Solvent**Ingredient Source:** Synthetic

**Reported Product Categories:** Bath Oils,  
Tablets, and Salts; Moisturizing Preparations;  
Cleansing Products (Cold Creams, Cleansing  
Lotions, Liquids and Pads); Bath Capsules;  
Skin Care Preparations, Misc.; Dentifrices  
(Aerosol, Liquid, Pastes and Powders); Bath  
Preparations, Misc.; Body and Hand Prepa-  
rations (Excluding Shaving Preparations);  
Face and Neck Preparations (Excluding  
Shaving Preparations); Paste Masks (Mud  
Packs); Mascara

**Technical/Other Names:**

macrogol (INN)  
Polyethylene Glycol 1540  
Polyoxyethylene (32)

**Trade Names:**

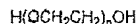
Carbowax PEG 1450 (Dow Chemical)  
Jeechem 1450 NF (Jellicoe Co. LTD)  
Lipo Polyglycol 1500 (Lipo)  
Lipo Polyglycol 3350 (Lipo)  
Lipoxol 1500 MED (Sasol GmbH - Marl)  
Lumulse PEG 1450 (Lambent)  
Macrogol 1500 (NOF)  
Macrogol 1540 (NOF)  
Pluracare E 1500 (BASF)  
Pluracol E 1450 (BASF)  
Polyglycol E1450 (Dow Chemical)  
Polyglykol 1500 (Clariant)  
Polyglykol 1500 (Clariant GmbH, Personal Care)  
Protachem 1450 NF (Protameen)  
Renex PEG 1500 (Uniqema Americas)  
Sabopeg 1500 (Sabo)  
Sympatens-PEG/1500 G (Kolb)  
Toho PEG#1540 (Toho)  
Unipeg-1540 X (Universal Preserv-A-Chem)

**Trade Name Mixtures:**

Carbowax PEG 540 Blend (Dow Chemical)  
Lanogen 1500 (Clariant)  
Lanogen 1500 (Clariant GmbH, Personal Care)  
Swertianin-P (Ichimaru Pharcos)  
Unipeg-1500 X (Universal Preserv-A-Chem)  
Uniwax 1450 (Universal Preserv-A-Chem)

**PEG-33****CTFA Monograph ID:** 17410

**Definition:** PEG-33 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 33.

**Chemical Classes:** Alkoxyated Alcohols;  
Polymeric Ethers

**Functions:** Binder; Humectant; Solvent**Ingredient Source:** Synthetic**Technical/Other Names:**

Polyethylene Glycol (33)  
Polyoxyethylene (33)

**Trade Name Mixtures:**

SilSense Copolyol-1 Silicone (Noveon)  
SilSense Copolyol-7 Silicone (Noveon)

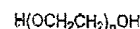
**PEG-40****CTFA Monograph ID:** 1956**CAS No.:** 25322-68-3 (Generic)**JPN Translation:**

PEG - 40

**CN Translation:**

聚乙二醇-40

**Definition:** PEG-40 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 40.

**Information Sources:** BAN,

21CFR172.210, 21CFR172.770,  
21CFR172.820, 21CFR173.310,  
21CFR173.340, 21CFR175.105,  
21CFR175.300, 21CFR176.200,  
21CFR178.3750, 21CFR178.3910, INN,  
JAN, JCIC, JCLS, MI-13(7651), NF XVIII,  
ROM, TSCA, USAN

**Chemical Classes:** Alkoxyated Alcohols;  
Polymeric Ethers

**Functions:** Binder; Humectant; Solvent**Ingredient Source:** Synthetic**Technical/Other Names:**

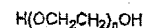
macrogol (INN)  
Polyethylene Glycol (2000)  
Polyoxyethylene (40)

**Trade Names:**

Pluracol E 2000 (BASF)  
Polyglykol 2000 (Clariant)  
Polyglykol 2000 (Clariant GmbH, Personal Care)

**PEG-45****CTFA Monograph ID:** 11904**CAS No.:** 25322-68-3 (Generic)

**Definition:** PEG-45 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 45.

**Information Source:** INN

**Chemical Classes:** Alkoxyated Alcohols;  
Polymeric Ethers

**Functions:** Binder; Humectant; Solvent**Ingredient Source:** Synthetic**Technical/Other Names:**

macrogol (INN)  
Polyethylene Glycol (45)  
Polyoxyethylene (45)

**Trade Name:**

Toho PEG#2000 (Toho)

**PEG-55****CTFA Monograph ID:** 7532

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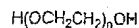
NO. 2145 P. 7

CAS No.: 25322-68-3 (Generic)

CN Translation:

聚乙二醇-55

**Definition:** PEG-55 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 55.

**Information Sources:** BAN, INN, JAN, NF XVIII, USAN

**Chemical Classes:** Alkoxylated Alcohols; Polymeric Ethers

**Functions:** Binder; Humectant; Solvent

**Ingredient Source:** Synthetic

**Technical/Other Names:**

macrogol (INN)

Polyethylene Glycol (55)

Polyoxyethylene (55)

**Trade Names:**

Jeechem 3350 NF (Jellite Co. LTD)

Renex PEG 3350 (Uniqema Americas)

PEG-60

CTFA Monograph ID: 5425

CAS No.: 25322-68-3 (Generic)

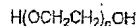
JPN Translation:

PEG - 60

CN Translation:

聚乙二醇-60

**Definition:** PEG-60 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 60.

**Information Sources:** BAN, INN, JAN, MI-13(7651), NF XVIII, USAN

**Chemical Classes:** Alkoxylated Alcohols; Polymeric Ethers

**Functions:** Binder; Humectant; Solvent

**Ingredient Source:** Synthetic

**Technical/Other Names:**

macrogol (INN)

Polyethylene Glycol 3000

Polyoxyethylene (60)

**Trade Names:**

Polyglykol 3000 (Clariant)

Polyglykol 3000 (Clariant GmbH, Personal Care)

PEG-75

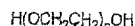
CTFA Monograph ID: 1957

CAS No.: 25322-68-3 (Generic)

JPN Translation:

PEG - 75

**Definition:** PEG-75 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 75.

**Information Sources:** BAN, BP, BPC, BRA, 21CFR172.210, 21CFR172.770, 21CFR172.820, 21CFR173.310, 21CFR173.340, 21CFR175.105, 21CFR175.300, 21CFR178.3750, 21CFR178.3910, CIR: [SQ] JACT-12(5)-1993, CTFA S, FCC, HUN, INN, JAN, JCLS, JSCI, MAR, MI-13(7651), NF XVIII, NFJ, PN, POL, ROM, TSCA, USAN, USD

**Chemical Classes:** Alkoxylated Alcohols; Polymeric Ethers

**Functions:** Binder; Humectant; Solvent

**Ingredient Source:** Synthetic

**Reported Product Categories:** Skin Care Preparations, Misc.; Paste Masks (Mud Packs); Bath Oils, Tablets, and Salts; Cleansing Products (Cold Creams, Cleansing Lotions, Liquids and Pads); Moisturizing Preparations

**Technical/Other Names:**

macrogol (INN)

Polyethylene Glycol 4000

Polyoxyethylene (75)

**Trade Names:**

Carbowax PEG 3350 (Dow Chemical)

Lipoxol 3350 MED (Sasol GmbH - Marl)

Lumulse PEG 3350 (Lambert)

Pluracare E 3400 (BASF)

Pluracol E 4000 (BASF)

Polyglykol 3350 (Clariant)

Polyglykol 3350 (Clariant GmbH, Personal Care)

Protachem 75 (Protameen)

Renex PEG 4000 (Uniqema Americas)

Sabopeg 4000 (Sabo)

Sympatens-PEG/4000 G (Kolb)

Upiwx 3350 (Universal Preserv-A-Chem)

**Trade Name Mixture:**

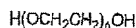
Suncaps C (Particle Sciences)

PEG-80

CTFA Monograph ID: 16469

CAS No.: 25322-68-3 (Generic)

**Definition:** PEG-80 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 80.

**Information Source:** INN

**Chemical Classes:** Alkoxylated Alcohols; Polymeric Ethers

**Functions:** Binder; Humectant; Solvent

**Ingredient Source:** Synthetic

**Technical/Other Names:**

macrogol (INN)

Polyethylene Glycol (80)

Polyethylene Glycol 4000

Polyoxyethylene (80)

**Trade Name:**

Protachem 400 (Protameen)

PEG-90

CTFA Monograph ID: 6966

CAS No.: 25322-68-3

JPN Translation:

PEG - 90

CN Translation:

聚乙二醇-90

**Definition:** PEG-90 is the polymer of ethylene oxide that conforms to the formula:



where n has an average value of 90.

**Information Sources:** BAN, INN, JAN, NF XVIII, USAN

**Chemical Classes:** Alkoxylated Alcohols; Polymeric Ethers

**Functions:** Binder; Humectant; Solvent

**Ingredient Source:** Synthetic

**Technical/Other Names:**

macrogol (INN)

Polyethylene Glycol (90)

Polyoxyethylene (90)

**Trade Names:**

Lipoxol 4000 MED (Sasol GmbH - Marl)

Macrogol 4000 (NOF)

Pluracare E 4000 (BASF)

Polyglycol E-4000 (Dow Chemical)

Polyglykol 4000 (Clariant)

Polyglykol 4000 (Clariant GmbH, Personal Care)

Toho PEG #4000 (Toho)

Unipeg-4000 X (Universal Preserv-A-Chem)

PEG-100

CTFA Monograph ID: 4098

CAS No.: 25322-68-3 (Generic)

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